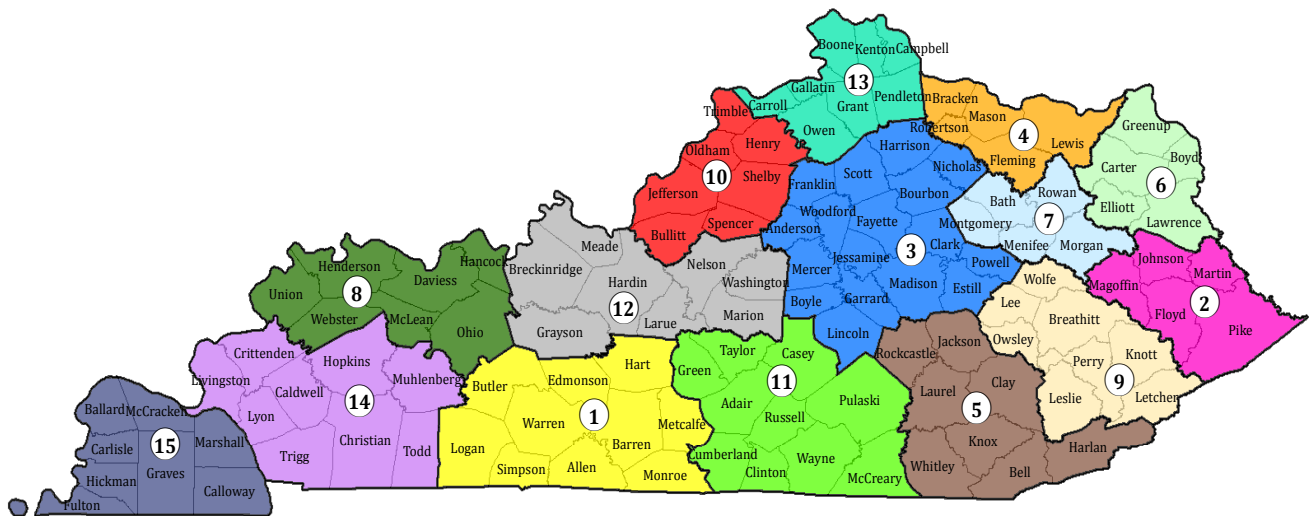


Kentucky Area Development District (ADD) Profiles

Behavioral Risk Factor Surveillance System (BRFSS)

2013



Kentucky Public Health
Prevent. Promote. Protect.

Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Surveillance System (BRFSS)
















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 1. Barren River ADD	 5. Cumberland Valley ADD	 9. Kentucky River ADD	 13. Northern Kentucky ADD
 2. Big Sandy ADD	 6. FIVCO ADD	 10. KIPDA ADD	 14. Pennyrile ADD
 3. Bluegrass ADD	 7. Gateway ADD	 11. Lake Cumberland ADD	 15. Purchase ADD
 4. Buffalo Trace ADD	 8. Green River ADD	 12. Lincoln Trail ADD	

Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Executive Summary

The following report consists of data collected by the Kentucky Behavioral Risk Factor Surveillance System (KY BRFSS) program for the calendar year 2012. The BRFSS is a collaborative project of the Centers for Disease Control and Prevention (CDC) and the Kentucky Department for Public Health (KDPH). Currently, all 50 states and the District of Columbia participate in this surveillance system. The BRFSS objective is to collect uniform, state specific data on preventive health practices and risk behaviors that are linked to chronic diseases, injuries, and preventable infectious diseases that affect the adult population.

CDC publishes the data collected by each state on their website. This website has data at state level but not at sub-state level. In most cases, each state constitutes a single stratum. However, to provide adequate sample sizes for smaller geographically defined populations of interest, some states sample disproportionately from strata defined to correspond to sub-state regions. In Kentucky we sample all fifteen Area Development Districts (ADD), each of which has 500 completes, so we currently have fifteen strata.

The ADD level data is not available on the CDC website. The main purpose of this document is to provide data in a timely manner to the Area Development Districts so the local health departments can use this data for strategic planning and prioritize program management. BRFSS data can be used to identify emerging health problems, establish and track health objectives, and develop and evaluate public health policies and programs. It can also be used to support health-related legislative efforts. The program hopes that this report will be useful in assisting the districts in identifying the health needs within their region.

The 2012 BRFSS data reflects the addition of cell-phone only respondents and a change in weighting methodology (raking replaces post-stratification). Due to these significant changes, the 2012 BRFSS data should be compared only to 2011 BRFSS which serves as the baseline for data analysis; It is not directly comparable to BRFSS data collected before 2011. Comparing 2012 BRFSS data with BRFSS data from years prior to 2011 may cause misinterpretation of trend line shifts in prevalence estimates.

The changes in BRFSS protocol occurred in 2011 and are discussed in detail in the June 8, 2012, MMWR Policy Note "Methodologic Changes in the Behavioral Risk Factor Surveillance System in 2011 and Potential Effects on Prevalence Estimates." This note is available online at the CDC Surveillance resource Center <http://www.cdc.gov/surveillancepractice/reports/brfss/brfss.html>.

Additionally, the Kentucky BRFSS program released a report tailored to the changes seen in Kentucky data. It is entitled "Effect of Changes in BRFSS Protocols on 2011 Behavioral Risk Factor Surveillance Data in Kentucky" and can be obtained from the Kentucky BRFSS website <http://chfs.ky.gov/brfss>.

Area Development District (ADD) Profiles Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Introduction

The Behavioral Risk Factor Surveillance System (BRFSS) is a cross-sectional telephone health survey jointly sponsored by the Centers for Disease Control and Prevention (CDC) and the Kentucky Department for Public Health (KDPH). The survey is randomly administered to non-institutionalized civilian adults aged 18 or older living in a household. Participation in the survey is strictly voluntary. Personal identifying information, such as a person's name or address, is not collected. The BRFSS is a nationwide surveillance tool. In Kentucky, the BRFSS has been conducted continuously since 1985.

This document presents a data profile of each Area Development District (ADD) based on prevalence data collected from the 2012 Kentucky Behavioral Risk Factor Surveillance System (BRFSS) Survey. Kentucky has 120 Counties that are divided into 15 ADDs for the planning of a variety of programs. Data for this report are analyzed by ADDs, rather than by county, because sample sizes for most counties are too small to provide statistically reliable estimates. Statewide and nationwide prevalence estimates have been included for comparison.

Counties in each ADD	
Barren River:	Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren
Big Sandy:	Floyd, Johnson, Magoffin, Martin, Pike
Bluegrass:	Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford
Buffalo Trace:	Bracken, Fleming, Lewis, Mason, Robertson
Cumberland Valley:	Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
FIVCO :	Boyd, Carter, Elliott, Greenup, Lawrence
Gateway:	Bath, Menifee, Montgomery, Morgan, Rowan
Green River:	Daviess, Hancock, Henderson, McLean, Ohio, Union, Webster
Kentucky River:	Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry, Wolfe
KIPDA:	Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble
Lake Cumberland:	Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne
Lincoln Trail:	Breckinridge, Grayson, Hardin, Larue, Marion, Meade, Nelson, Washington
Northern Kentucky:	Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton
Pennyrile:	Caldwell, Christian, Crittenden, Hopkins, Livingston, Lyon, Muhlenberg, Todd, Trigg
Purchase:	Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, McCracken, Marshall

This report was prepared by Seth Siameh, BRFSS Epidemiologist, and Sarojini Kanotra, BRFSS Director and Coordinator. Questions concerning this report should be directed to Seth.Siameh@ky.gov or Sarojini.Kanotra@ky.gov.

Suggested citation: *Kentucky Behavioral Risk Factor Surveillance System Survey Data*. Department for Public Health, Cabinet for Health and Family Services, Frankfort, Kentucky, **[2012]**

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

List of Variables	Nationwide * (States and DC)	Kentucky	
	Median %	%	95% CI
Alcohol Consumption			
Adults who reported heavy drinking	6.1	5.3	4.6 – 6.1
Adults who reported binge drinking	16.9	14.9	13.7 – 16.0
Arthritis			
Adults who have doctor-diagnosed arthritis	25.7	35.0	33.7 – 36.4
Cardiovascular Disease			
Adults who have ever had a heart attack	4.5	6.6	6.0 – 7.3
Adults who have coronary heart disease	4.3	6.1	5.4 – 6.7
Adults who have ever had a stroke	2.9	4.2	3.7 – 4.8
Colorectal Cancer Screening			
Adults aged 50+ who had a blood stool test within past two years	14.2	13.9	12.6 – 15.1
Adults aged 50+ who have ever had a sigmoidoscopy or colonoscopy	67.3	65.9	64.2 – 67.6
Depression			
Adults who have ever been diagnosed with a depressive disorder	18.0	23.5	22.2 – 24.7
Diabetes			
Adults who have Diabetes	9.7	10.7	9.9 – 11.5
Disability			
Adults who are limited in any activities because of health problems	20.1	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	8.0	11.6	10.7 – 12.5
Exercise			
Adults who participate in any leisure-time physical activity	77.1	70.3	69.0 – 71.6
General Health Status			
Adults who reported good or better health	83.1	76.1	74.9 – 77.3
Health Care Access/Coverage			
Adults who have health care coverage	82.9	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	79.6	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)			
Adults aged 18-64 who have ever been tested for HIV	Not Available	31.4	30.0 – 32.8
Immunization			
Adults aged 65+ who had a flu shot in past year	60.1	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	68.8	65.6	63.0 – 68.1
Oral Health			
Adults aged 65+ who had all their natural teeth extracted	16.1	24.8	22.5 – 27.0
Adults who visited dentist or dental clinic in past year	67.2	60.3	58.9 – 61.7
Overweight and Obesity (BMI)			
Adults who are overweight (BMI = 25.0 – 29.9)	35.8	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	27.6	31.3	29.9 – 32.6
Prostate Cancer			
Men aged 40+ who had a PSA test within the past two years	45.2	45.0	42.3 – 47.7
Respiratory Disease			
Adults who currently have asthma	8.9	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	6.2	11.2	10.4 – 12.1
Tobacco Use			
Adults who are current smokers	19.6	28.3	26.9 – 29.7
Women's Health			
Women aged 18+ who had a Pap test within the past three years	78.0	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	74.0	71.3	69.5 – 73.1

*Centers for Disease Control and Prevention (CDC). *Behavioral Risk Factor Surveillance System Survey Data*. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, [2012]

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Barren River ADD	Barren River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	4.8	1.9 – 7.7	5.3	4.6 – 6.1
Adults who reported binge drinking	15.5	10.2 – 20.9	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	36.5	31.3 – 41.6	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	4.4	2.7 – 6.0	6.6	6.0 – 7.3
Adults who have coronary heart disease	5.0	3.0 – 7.0	6.1	5.4 – 6.7
Adults who have ever had a stroke	3.9	2.2 – 5.6	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	7.8	5.0 – 10.5	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	61.4	55.6 – 67.2	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	25.2	20.2 – 30.2	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	11.8	8.3 – 15.2	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	29.8	24.3 – 35.4	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	13.4	9.2 – 17.6	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	65.6	60.2 – 70.9	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	75.8	71.1 – 80.5	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	80.6	75.5 – 85.8	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	76.1	69.8 – 82.3	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	24.6	19.3 – 29.9	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	63.9	55.4 – 72.4	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	62.2	53.6 – 70.9	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	21.9	14.0 – 29.7	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	60.4	54.7 – 66.0	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.4	29.8 – 40.9	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	31.8	26.4 – 37.1	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	38.3	28.9 – 47.8	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	10.6	7.0 – 14.3	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	13.6	9.7 – 17.4	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	28.8	23.2 – 34.5	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	65.1	55.9 – 74.3	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	66.5	60.1 – 72.8	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
 N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Big Sandy ADD	Big Sandy		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	2.3	0.8 – 3.8	5.3	4.6 – 6.1
Adults who reported binge drinking	7.8	4.5 – 11.1	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	53.2	47.5 – 58.9	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	9.7	6.4 – 13.1	6.6	6.0 – 7.3
Adults who have coronary heart disease	7.5	5.0 – 10.1	6.1	5.4 – 6.7
Adults who have ever had a stroke	5.5	3.0 – 8.0	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	10.3	6.9 – 13.8	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	59.5	52.6 – 66.4	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	28.0	23.1 – 32.9	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	14.7	11.0 – 18.3	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	41.7	35.9 – 47.5	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	19.6	14.5 – 24.7	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	61.5	55.9 – 67.0	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	63.8	58.2 – 69.5	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	81.0	76.4 – 85.5	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	76.5	71.0 – 82.0	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	30.1	24.7 – 35.4	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	N/A		61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	N/A		65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	N/A		24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	50.6	44.9 – 56.3	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	37.9	32.4 – 43.4	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	38.2	32.5 – 44.0	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	N/A		45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	12.9	9.2 – 16.7	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	19.6	15.0 – 24.3	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	31.9	26.1 – 37.6	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	72.0	64.3 – 79.6	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	64.9	57.0 – 72.7	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Bluegrass ADD	Bluegrass		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.8	4.9 – 8.8	5.3	4.6 – 6.1
Adults who reported binge drinking	18.0	14.9 – 21.2	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	29.2	25.8 – 32.6	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	6.3	4.5 – 8.0	6.6	6.0 – 7.3
Adults who have coronary heart disease	5.2	3.5 – 6.9	6.1	5.4 – 6.7
Adults who have ever had a stroke	3.1	1.9 – 4.3	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	14.3	10.8 – 17.9	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	68.2	63.2 – 73.2	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	21.6	18.5 – 24.8	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	8.1	6.3 – 10.0	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	24.3	21.0 – 27.6	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	10.8	8.3 – 13.2	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	72.0	68.6 – 75.5	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	79.8	76.7 – 82.8	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	86.5	83.6 – 89.3	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	84.1	80.7 – 87.5	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	32.2	28.4 – 36.0	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	62.8	54.4 – 71.1	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	63.2	54.7 – 71.7	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	21.3	14.8 – 27.8	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	66.2	62.5 – 70.0	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.8	31.9 – 39.6	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	25.9	22.5 – 29.3	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	41.7	34.8 – 48.6	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	11.2	8.7 – 13.6	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	9.8	7.5 – 12.1	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	26.2	22.6 – 29.8	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	79.3	74.3 – 84.4	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	71.6	65.9 – 77.3	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Buffalo Trace ADD	Buffalo Trace		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.3	1.1 – 5.5	5.3	4.6 – 6.1
Adults who reported binge drinking	10.1	6.2 – 14.0	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	36.7	30.2 – 43.1	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	8.4	5.1 – 11.7	6.6	6.0 – 7.3
Adults who have coronary heart disease	6.4	4.3 – 8.6	6.1	5.4 – 6.7
Adults who have ever had a stroke	4.2	2.4 – 6.1	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	9.1	5.3 – 12.9	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	64.5	58.7 – 70.3	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	22.8	16.4 – 29.2	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	11.3	7.2 – 15.4	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	25.2	19.4 – 30.9	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	9.0	6.3 – 11.7	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	59.4	52.0 – 66.8	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	75.4	69.8 – 81.1	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	73.7	66.4 – 81.0	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	66.7	57.8 – 75.6	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	18.1	11.9 – 24.4	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	63.0	54.8 – 71.2	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	70.1	63.0 – 77.1	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	30.0	22.2 – 37.8	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	45.5	38.2 – 52.8	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.0	26.2 – 39.7	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	37.7	30.3 – 45.1	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	N/A		45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	9.4	5.0 – 13.7	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	13.6	8.7 – 18.5	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	32.2	24.9 – 39.5	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	81.3	75.3 – 87.2	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	75.9	69.2 – 82.6	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Cumberland Valley ADD	Cumberland Valley		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	1.7	0.0 – 3.7	5.3	4.6 – 6.1
Adults who reported binge drinking	4.1	1.7 – 6.4	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	45.6	40.2 – 51.0	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	10.5	7.4 – 13.7	6.6	6.0 – 7.3
Adults who have coronary heart disease	11.0	8.1 – 14.0	6.1	5.4 – 6.7
Adults who have ever had a stroke	5.7	3.4 – 7.9	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	15.7	10.9 – 20.5	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	60.3	53.8 – 66.7	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	27.1	22.3 – 32.0	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	14.6	11.3 – 17.9	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	35.3	30.0 – 40.5	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	12.8	9.7 – 15.9	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	63.0	57.7 – 68.2	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	63.4	58.2 – 68.5	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	73.4	67.9 – 78.9	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	66.8	60.2 – 73.4	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	25.2	20.2 – 30.1	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	N/A		61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	N/A		65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	27.2	17.5 – 36.9	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	48.4	42.9 – 53.9	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.4	27.2 – 37.7	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	34.0	28.7 – 39.2	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	48.0	38.1 – 57.9	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	13.8	9.8 – 17.8	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	16.0	12.2 – 19.7	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	33.9	28.5 – 39.3	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	72.1	64.9 – 79.4	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	62.0	55.0 – 69.0	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

FIVCO ADD	FIVCO		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.2	2.3 – 10.0	5.3	4.6 – 6.1
Adults who reported binge drinking	12.0	7.7 – 16.3	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	40.7	35.2 – 46.2	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	7.1	4.8 – 9.4	6.6	6.0 – 7.3
Adults who have coronary heart disease	6.9	4.5 – 9.2	6.1	5.4 – 6.7
Adults who have ever had a stroke	4.5	2.6 – 6.4	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	10.8	7.0 – 14.6	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	69.5	63.7 – 75.3	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	26.7	21.7 – 31.8	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	14.3	10.6 – 18.0	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	26.7	22.5 – 31.0	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	12.3	9.3 – 15.3	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	63.8	58.4 – 69.3	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	69.0	64.0 – 73.9	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	85.5	80.7 – 90.3	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	81.5	75.4 – 87.5	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	23.2	17.8 – 28.5	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	68.2	60.5 – 75.9	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	71.1	63.3 – 78.9	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	26.0	17.8 – 34.1	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	53.5	47.7 – 59.3	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	29.1	24.2 – 33.9	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	39.6	34.0 – 45.3	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	N/A		45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	13.3	9.8 – 16.7	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	17.0	13.2 – 20.9	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	27.7	22.0 – 33.3	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	72.2	64.9 – 79.6	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	67.6	61.3 – 73.9	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
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Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Gateway ADD	Gateway		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.2	0.0 – 6.4	5.3	4.6 – 6.1
Adults who reported binge drinking	12.3	6.3 – 18.3	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	35.3	29.6 – 41.0	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	8.7	6.2 – 11.1	6.6	6.0 – 7.3
Adults who have coronary heart disease	6.4	4.3 – 8.4	6.1	5.4 – 6.7
Adults who have ever had a stroke	2.7	1.6 – 3.9	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	14.0	8.2 – 19.8	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	54.1	46.5 – 61.7	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	18.2	14.0 – 22.3	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	11.6	8.3 – 14.8	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	27.7	22.0 – 33.3	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	12.9	9.3 – 16.5	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	70.0	63.8 – 76.3	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	74.7	69.4 – 80.0	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	84.5	79.0 – 90.0	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	81.4	74.6 – 88.1	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	23.1	16.9 – 29.4	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	N/A		61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	N/A		65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	N/A		24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	57.3	50.3 – 64.3	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	39.3	32.2 – 46.4	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	29.0	22.7 – 35.3	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	N/A		45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	11.4	6.6 – 16.3	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	10.3	6.6 – 14.0	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	30.4	23.3 – 37.5	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	76.0	66.2 – 85.8	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	64.7	56.4 – 72.9	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Green River ADD	Green River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.1	2.0 – 8.3	5.3	4.6 – 6.1
Adults who reported binge drinking	15.8	10.3 – 21.2	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	34.5	29.3 – 39.7	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	4.4	2.9 – 6.0	6.6	6.0 – 7.3
Adults who have coronary heart disease	5.9	3.8 – 8.0	6.1	5.4 – 6.7
Adults who have ever had a stroke	3.4	1.8 – 5.1	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	20.0	15.4 – 24.6	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	72.7	67.2 – 78.1	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	23.2	17.5 – 28.9	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	9.4	6.7 – 12.1	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	26.7	21.2 – 32.1	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	9.2	6.0 – 12.4	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	72.7	67.4 – 77.9	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	79.0	74.4 – 83.6	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	82.9	77.7 – 88.2	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	78.7	72.2 – 85.2	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	34.6	28.3 – 40.8	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	63.9	56.2 – 71.6	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	71.7	64.6 – 78.8	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	25.3	18.3 – 32.2	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	64.4	58.5 – 70.4	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.4	27.1 – 37.7	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	31.8	26.1 – 37.5	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	53.5	43.7 – 63.2	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	7.6	4.9 – 10.3	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	7.7	5.2 – 10.2	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	27.2	21.0 – 33.4	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	83.7	77.7 – 89.8	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	73.9	67.8 – 80.0	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Kentucky River ADD	Kentucky River		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	2.6	0.8 – 4.4	5.3	4.6 – 6.1
Adults who reported binge drinking	6.2	3.4 – 8.9	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	47.9	42.1 – 53.7	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	6.6	4.6 – 8.7	6.6	6.0 – 7.3
Adults who have coronary heart disease	4.9	3.2 – 6.7	6.1	5.4 – 6.7
Adults who have ever had a stroke	4.0	2.5 – 5.5	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	18.4	13.2 – 23.6	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	57.3	51.1 – 63.6	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	29.2	24.2 – 34.2	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	13.1	10.3 – 15.9	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	36.7	31.1 – 42.4	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	13.0	9.9 – 16.1	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	62.7	57.1 – 68.4	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	63.6	58.3 – 68.9	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	77.0	71.0 – 82.9	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	71.9	64.7 – 79.0	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	32.0	25.5 – 38.6	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	N/A		61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	N/A		65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	N/A		24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	51.5	45.6 – 57.4	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	33.3	28.0 – 38.7	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	39.0	32.9 – 45.0	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	43.4	33.6 – 53.1	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	10.8	7.8 – 13.9	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	19.3	15.0 – 23.5	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	33.6	27.3 – 39.9	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	69.1	61.9 – 76.3	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	62.3	55.8 – 68.9	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
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Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

KIPDA ADD	KIPDA		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	6.4	4.6 – 8.2	5.3	4.6 – 6.1
Adults who reported binge drinking	17.4	14.6 – 20.3	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	33.0	29.6 – 36.3	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	6.2	4.5 – 7.9	6.6	6.0 – 7.3
Adults who have coronary heart disease	6.9	5.1 – 8.8	6.1	5.4 – 6.7
Adults who have ever had a stroke	3.8	2.5 – 5.1	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	16.1	12.0 – 20.1	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	68.2	63.7 – 72.6	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	23.2	19.9 – 26.5	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	9.4	7.4 – 11.3	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	22.8	19.8 – 25.9	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	11.7	9.3 – 14.1	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	74.0	70.9 – 77.1	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	78.5	75.5 – 81.5	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	83.7	80.8 – 86.6	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	80.1	76.6 – 83.7	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	34.0	30.5 – 37.6	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	64.5	57.9 – 71.1	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	71.3	65.1 – 77.6	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	20.8	14.9 – 26.8	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	64.8	61.3 – 68.4	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	35.8	32.3 – 39.3	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	30.8	27.3 – 34.4	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	45.2	37.9 – 52.4	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	12.0	9.5 – 14.5	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	11.1	8.7 – 13.5	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	26.7	23.2 – 30.2	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	78.6	73.5 – 83.7	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	76.2	71.5 – 80.9	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
 N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Lake Cumberland ADD	Lake Cumberland		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.8	1.3 – 6.4	5.3	4.6 – 6.1
Adults who reported binge drinking	8.8	5.4 – 12.2	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	37.0	32.1 – 41.9	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	6.8	4.4 – 9.2	6.6	6.0 – 7.3
Adults who have coronary heart disease	6.3	4.1 – 8.5	6.1	5.4 – 6.7
Adults who have ever had a stroke	3.1	1.4 – 4.9	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	9.9	6.3 – 13.5	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	60.1	54.0 – 66.2	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	24.4	19.7 – 29.2	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	12.7	8.5 – 16.8	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	29.4	24.5 – 34.4	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	12.5	8.8 – 16.2	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	63.9	58.6 – 69.2	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	71.9	67.2 – 76.7	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	79.8	75.2 – 84.4	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	74.3	68.6 – 80.0	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	31.3	25.4 – 37.2	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	53.2	44.1 – 62.3	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	50.8	41.5 – 60.1	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	30.9	22.2 – 39.6	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	51.9	46.4 – 57.5	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	39.9	34.1 – 45.6	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	34.7	29.4 – 40.0	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	51.1	42.6 – 59.7	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	13.0	9.6 – 16.3	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	10.8	8.1 – 13.4	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	27.5	22.6 – 32.4	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	73.6	66.8 – 80.5	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	65.7	59.3 – 72.1	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Lincoln Trail ADD	Lincoln Trail		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.7	1.8 – 5.6	5.3	4.6 – 6.1
Adults who reported binge drinking	12.5	8.5 – 16.5	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	35.9	31.0 – 40.8	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	7.4	5.0 – 9.7	6.6	6.0 – 7.3
Adults who have coronary heart disease	4.0	2.5 – 5.5	6.1	5.4 – 6.7
Adults who have ever had a stroke	7.0	3.7 – 10.3	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	14.3	10.0 – 18.7	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	71.9	66.1 – 77.7	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	21.9	17.1 – 26.7	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	10.5	8.1 – 12.9	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	24.0	19.4 – 28.7	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	12.9	9.6 – 16.2	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	73.2	68.7 – 77.6	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	79.1	75.3 – 82.9	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	84.2	79.5 – 88.8	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	81.0	75.4 – 86.6	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	35.4	29.7 – 41.0	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	65.3	56.7 – 73.8	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	66.4	58.3 – 74.4	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	28.3	19.7 – 36.9	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	59.2	53.8 – 64.7	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	39.1	33.6 – 44.6	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	30.7	25.7 – 35.7	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	47.3	37.6 – 57.1	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	13.2	9.4 – 17.0	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	8.3	6.0 – 10.6	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	30.0	24.3 – 35.8	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	81.6	75.7 – 87.4	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	75.2	69.6 – 80.7	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Northern Kentucky ADD	Northern Kentucky		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	7.7	5.2 – 10.2	5.3	4.6 – 6.1
Adults who reported binge drinking	22.6	18.4 – 26.8	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	29.6	25.6 – 33.6	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	6.4	4.4 – 8.4	6.6	6.0 – 7.3
Adults who have coronary heart disease	5.4	3.7 – 7.1	6.1	5.4 – 6.7
Adults who have ever had a stroke	5.2	2.8 – 7.6	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	8.3	5.3 – 11.2	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	62.3	56.0 – 68.6	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	23.8	20.0 – 27.7	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	11.4	8.8 – 13.9	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	19.7	16.3 – 23.1	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	8.4	6.3 – 10.5	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	77.4	73.5 – 81.2	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	80.8	77.3 – 84.4	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	85.1	81.2 – 89.1	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	82.3	77.6 – 87.0	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	28.8	24.4 – 33.3	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	61.9	53.1 – 70.6	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	66.7	57.9 – 75.5	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	19.9	12.7 – 27.2	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	60.4	55.8 – 65.0	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	36.7	32.1 – 41.3	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	27.9	23.8 – 32.0	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	35.8	27.6 – 44.0	45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	10.8	7.9 – 13.8	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	7.9	5.8 – 10.0	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	26.0	21.6 – 30.5	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	74.0	68.0 – 80.0	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	68.5	62.8 – 74.3	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Pennyriple ADD	Pennyriple		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	3.3	0.7 – 5.8	5.3	4.6 – 6.1
Adults who reported binge drinking	8.8	4.7 – 13.0	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	34.2	29.1 – 39.2	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	7.8	5.1 – 10.5	6.6	6.0 – 7.3
Adults who have coronary heart disease	5.5	3.3 – 7.7	6.1	5.4 – 6.7
Adults who have ever had a stroke	5.1	2.8 – 7.4	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	17.5	12.7 – 22.3	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	66.8	60.9 – 72.7	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	23.5	18.7 – 28.4	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	11.4	8.1 – 14.8	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	26.5	21.8 – 31.2	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	11.1	8.1 – 14.0	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	64.3	58.8 – 69.9	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	75.0	70.1 – 79.9	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	80.6	75.6 – 85.5	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	76.1	69.9 – 82.3	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	40.9	35.0 – 46.7	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	60.7	51.9 – 69.5	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	58.7	49.4 – 68.0	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	27.9	18.9 – 36.9	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	60.0	54.3 – 65.7	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	36.6	30.8 – 42.3	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	34.9	29.4 – 40.5	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	N/A		45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	7.0	4.8 – 9.2	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	10.9	7.4 – 14.4	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	31.0	25.4 – 36.6	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	77.4	70.1 – 84.7	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	71.0	64.7 – 77.3	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

Data Source: Kentucky BRFSS Survey 2012

Area Development District (ADD) Profiles

Kentucky Behavioral Risk Factor Surveillance System (BRFSS)

Purchase ADD	Purchase		Kentucky	
	%	95% CI	%	95% CI
Alcohol Consumption				
Adults who reported heavy drinking	5.7	2.6 – 8.7	5.3	4.6 – 6.1
Adults who reported binge drinking	15.5	10.6 – 20.5	14.9	13.7 – 16.0
Arthritis				
Adults who have doctor-diagnosed arthritis	37.2	31.9 – 42.5	35.0	33.7 – 36.4
Cardiovascular Disease				
Adults who have ever had a heart attack	5.0	3.3 – 6.6	6.6	6.0 – 7.3
Adults who have coronary heart disease	4.5	2.8 – 6.1	6.1	5.4 – 6.7
Adults who have ever had a stroke	4.7	2.8 – 6.5	4.2	3.7 – 4.8
Colorectal Cancer Screening				
Adults aged 50+ who had a blood stool test within past two years	16.1	12.0 – 20.1	13.9	12.6 – 15.1
Adults aged 50+ who ever had a sigmoidoscopy or colonoscopy	70.8	64.4 – 77.3	65.9	64.2 – 67.6
Depression				
Adults who have ever been diagnosed with a depressive disorder	18.7	14.2 – 23.2	23.5	22.2 – 24.7
Diabetes				
Adults who have Diabetes	10.4	7.3 – 13.5	10.7	9.9 – 11.5
Disability				
Adults who are limited in any activities because of health problems	26.9	21.4 – 32.3	26.2	24.9 – 27.4
Adults with health problem(s) that require use of special equipment	9.3	6.2 – 12.5	11.6	10.7 – 12.5
Exercise				
Adults who participate in any leisure-time physical activity	72.2	67.1 – 77.3	70.3	69.0 – 71.6
General Health Status				
Adults who reported good or better health	76.8	72.1 – 81.4	76.1	74.9 – 77.3
Health Care Access/Coverage				
Adults who have health care coverage	84.1	78.8 – 89.5	82.9	81.7 – 84.1
Adults aged 18-64 who have health care coverage	79.3	72.4 – 86.2	79.1	77.6 – 80.6
HIV Screening Test (Age 18-64)				
Adults aged 18-64 who have ever been tested for HIV	33.8	27.9 – 39.7	31.4	30.0 – 32.8
Immunization				
Adults aged 65+ who had a flu shot in past year	61.5	53.9 – 69.0	61.8	59.3 – 64.4
Adults aged 65+ who have ever had a pneumococcal vaccination	68.1	60.9 – 75.4	65.6	63.0 – 68.1
Oral Health				
Adults aged 65+ who had all their natural teeth extracted	21.8	14.4 – 29.2	24.8	22.5 – 27.0
Adults who visited the dentist or dental clinic within the past year	58.2	52.3 – 64.1	60.3	58.9 – 61.7
Overweight and Obesity (BMI)				
Adults who are overweight (BMI = 25.0 – 29.9)	32.2	26.8 – 37.6	35.6	34.2 – 37.0
Adults who are obese (BMI ≥ 30.0)	33.8	28.1 – 39.4	31.3	29.9 – 32.6
Prostate Cancer				
Men aged 40+ who had a PSA test within the past two years	N/A		45.0	42.3 – 47.7
Respiratory Disease				
Adults who currently have asthma	4.6	2.9 – 6.4	11.1	10.1 – 12.0
Adults who have COPD, emphysema, or chronic bronchitis	9.0	6.3 – 11.8	11.2	10.4 – 12.1
Tobacco Use				
Adults who are current smokers	30.8	24.9 – 36.7	28.3	26.9 – 29.7
Women's Health				
Women aged 18+ who had a Pap test within the past three years	82.1	75.5 – 88.6	76.6	74.6 – 78.5
Women aged 40+ who had a mammogram within the past two years	81.1	76.2 – 86.0	71.3	69.5 – 73.1

% = Percentage, CI = Confidence Interval. All Percentages are weighted to population characteristics.
N/A = Not available if the unweighted sample size for the denominator was < 50 or the CI half width was > 10 for any cell.

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